



8 mm bolts to 25 N•m (19 ft.-lb.). Tighten the 10 mm bolts to 49 N•m (36 ft.-lb.).

10. Make sure the gears rotate freely without binding.

DRIVESHAFT

Removal/Inspection/Installation

1. Remove the final drive unit as described in this chapter.
2. Remove the spring in the end of the driveshaft (A, **Figure 46**).
3. Remove the driveshaft (B, **Figure 46**).
4. Inspect the splines and seal contact surface on the driveshaft (**Figure 47**). Replace the driveshaft if it is excessively worn or damaged.
5. Before installation, apply molybdenum disulfide grease to the splines of the driveshaft.
6. Insert the driveshaft into the splines of the universal joint. Make sure the driveshaft is fully seated in the universal joint.
7. Install the spring into the end of the driveshaft (A, **Figure 46**).

8. Install the final drive unit as described in this chapter.

SWING ARM

Bearings are pressed into both sides of the swing arm. Seals are installed on the outside of each bearing to prevent dirt and moisture from entering the bearings. Refer to **Figure 48**.

Special Tools

The Honda swing arm locknut wrench (part No. 07908-4690003 [A, **Figure 49**]) and a 17 mm hex socket (B) are required to remove and install the swing arm.

Removal

1. Remove the rear fender (Chapter Fifteen).
2. Remove the final drive unit and driveshaft as described in this chapter.
3. Remove the breather tubes from their clamps on the swing arm.
4. Support the rear of the swing arm, then remove the lower shock absorber mounting bolt (**Figure 50**).
5. Grasp the rear end of the swing arm and try to move it from side to side in a horizontal arc. There should be no noticeable side play. If play is evident and the pivot bolts are tightened correctly, replace the swing arm bearings.
6. Loosen the swing arm boot clamp (A, **Figure 51**) and work the boot off the swing arm.

NOTE

It may be helpful to remove the rear brake pedal for greater tool access.

7. Remove the pivot cap (B, **Figure 51**) from each side of the swing arm.
8. Loosen and remove the right pivot locknut using the locknut wrench (**Figure 52**).
9. Using the 17 mm hex socket, remove the pivot bolts (**Figure 53**) on both sides.
10. Remove the swing arm.
11. Remove the universal joint (A, **Figure 54**) if it did not come off with the swing arm.
12. If necessary, loosen the remaining clamp and remove the boot (B, **Figure 54**).

Copyright of Honda TRX350 RANCHER, 2000-2006 is the property of Penton Media, Inc. ("Clymer") and its content may not be copied or emailed to multiple sites or posted to a listserv without the copyright holder's express written permission. However, users may print, download, or email articles for individual use.